EXHIBIT 10

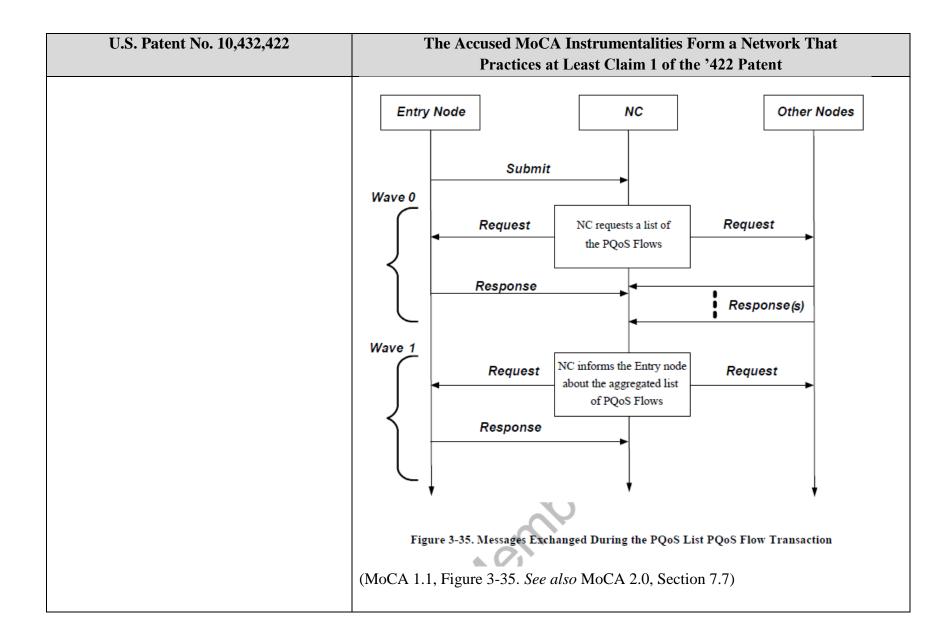
U.S. Patent No. 10,432,422 ("the '422 Patent") Exemplary Infringement Chart

The Accused MoCA Instrumentalities are instrumentalities that Charter deploys to provide a whole-premises DVR network over an on-premises coaxial cable network, with devices operating with data connections compliant with MoCA 1.0, 1.1, and/or 2.0. The Accused MoCA Instrumentalities include the Charter Arris DCX3510, Charter Arris DCX3520, Charter Arris DCX3600, Charter Arris DCX3600, Charter Arris DCX3220, and substantially similar instrumentalities. Charter literally and/or under the doctrine of equivalents infringes the claims of the '422 Patent under 35 U.S.C. § 271(a) by making, using, selling, offering for sale, and/or importing the Accused MoCA Instrumentalities.

U.S. Patent No. 10,432,422	The Accused MoCA Instrumentalities Form a Network That
	Practices at Least Claim 1 of the '422 Patent
A communication network comprising:	The Accused Services are provided using at least the Accused MoCA Instrumentalities including gateway devices (including, but not limited to, the Charter Arris DCX3510, Charter Arris DCX3520, Charter Arris DCX3600, and devices that operate in a similar manner), client devices (including, but not limited to, the Charter Arris DCX3200, Charter Arris DCX3220, and devices that operate in a similar manner), and substantially similar instrumentalities. The Accused MoCA Instrumentalities operate to form a data communication network over an on-premises coaxial cable network as described below.
	The Charter full-premises DVR network constitutes a data communication network as claimed. The Charter full-premises DVR network is a MoCA network created between gateway devices and client devices using the on-premises coaxial cable network. This MoCA network is compliant with MoCA 1.0, 1.1, and/or 2.0. "The MoCA system network model creates a coax network which supports communications between a convergence layer in one MoCA node to the corresponding convergence layer in another MoCA node." (MoCA 1.1, Section 1.1. See also MoCA 2.0, Section 1.2.2)

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	MoCA Enabled Router Wireless IP Client Figure 5 - A Typical Mixed MoCA/WiFi Home Network

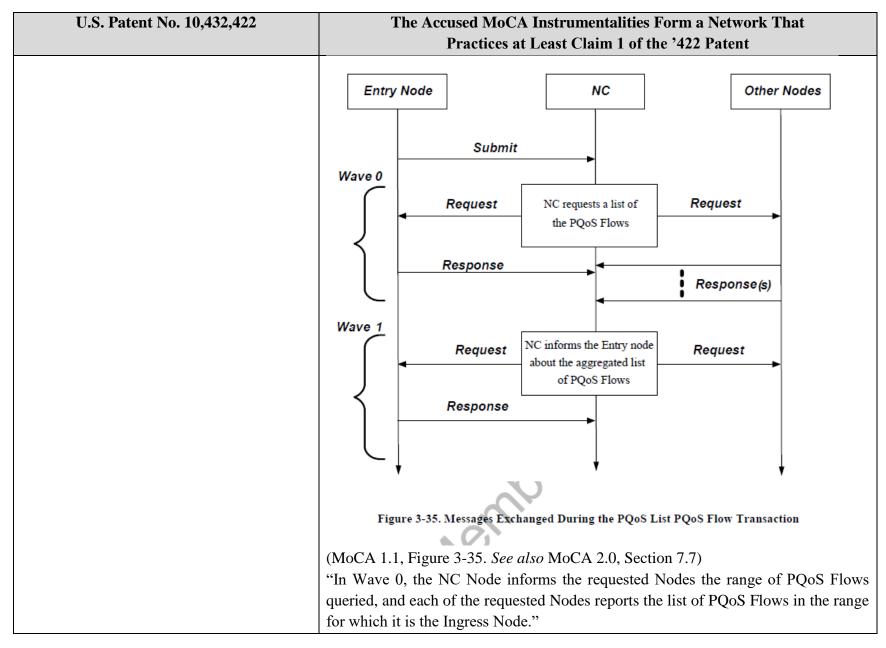
U.S. Patent No. 10,432,422	The Accused MoCA Instrumentalities Form a Network That		
	Practices at Least Claim 1 of the '422 Patent		
a requesting node;	The Accused MoCA Instrumentalities operate as a requesting node as described		
	below.		
	For example, by virtue of their compliance with MoCA, the Accused MoCA Instrumentalities include circuitry and/or associated software modules constituting a requesting node.		
	"The purpose of the List PQoS Flow Transaction is to enable any Node to retrieve the		
	list of PQoS flows in the MoCA Network."		
	(MoCA 1.1, Section 3.17.5. See also MoCA 2.0, Section 7.7)		



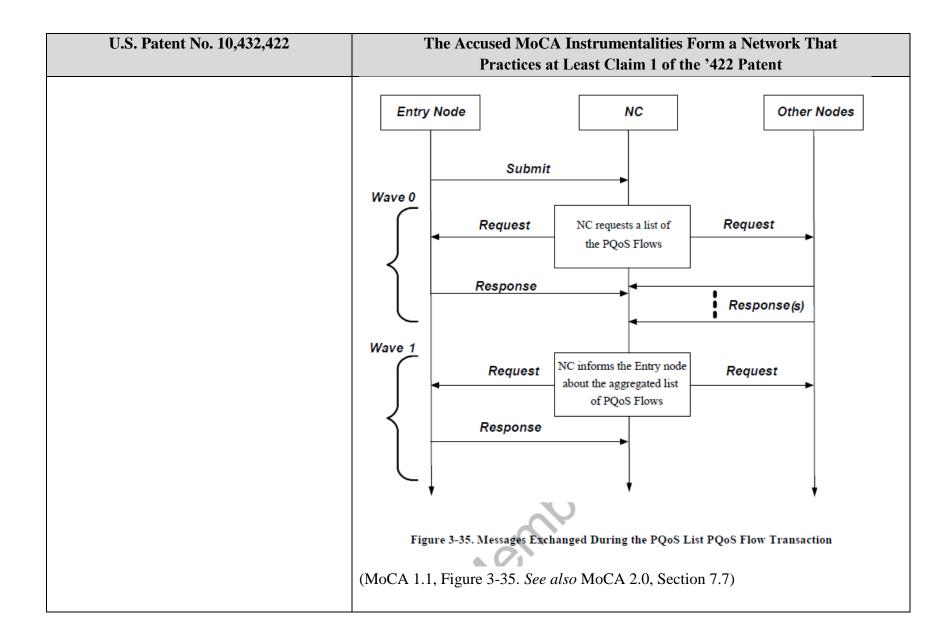
U.S. Patent No. 10,432,422	The Accused MoCA Instrumentalities Form a Network That		
	Practices at Least Claim 1 of the '422 Patent		
	"Any Node can initiate the List PQoS Flow Transaction. The Transaction starts when		
	the Entry Node sends a Submit L2ME Frame (explained in Section 3.15.2.3.1) to the		
	NC Node."		
	(MoCA 1.1, Section 3.17.5.1. See also MoCA 2.0, Section 7.7)		
a Network Coordinator (NC) node; and	The Accused MoCA Instrumentalities operate as a Network Coordinator (NC) node as described below.		
	For example, by virtue of their compliance with MoCA, the Accused MoCA Instrumentalities include circuitry and/or associated software modules constituting a Network Coordinator (NC) node.		
	"Network Coordinator (NC) – A MoCA node that performs the following salient functions in a MoCA Network: Beacon generation, MAP generation, admission of new MoCA nodes to the network, privacy key generation and distribution, and LMO scheduling." (MoCA 1.1, Section 1.2. <i>See also</i> MoCA 2.0, Section 3)		

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	Entry Node NC Other Nodes		
	Submit		
	Wave 0 Request NC requests a list of the PQoS Flows		
	Response Response(s)		
	Wave 1 Request NC informs the Entry node Request		
	about the aggregated list of PQoS Flows Response		
	Figure 3-35. Messages Exchanged During the PQoS List PQoS Flow Transaction		
a plurality of requested nodes, wherein:	(MoCA 1.1, Figure 3-35. <i>See also</i> MoCA 2.0, Section 7.7) The Accused MoCA Instrumentalities operate as a plurality of requested nodes as described below.		
	For example, by virtue of their compliance with MoCA, the Accused MoCA Instrumentalities include circuitry and/or associated software modules constituting a plurality of requested nodes.		

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	Practices at Least Claim 1 of the '422 Patent		
	"The purpose of the List PQoS Flow Transaction is to enable any Node to retrieve the list of PQoS flows in the MoCA Network." (MoCA 1.1, Section 3.17.5. <i>See also</i> MoCA 2.0, Section 7.7)		

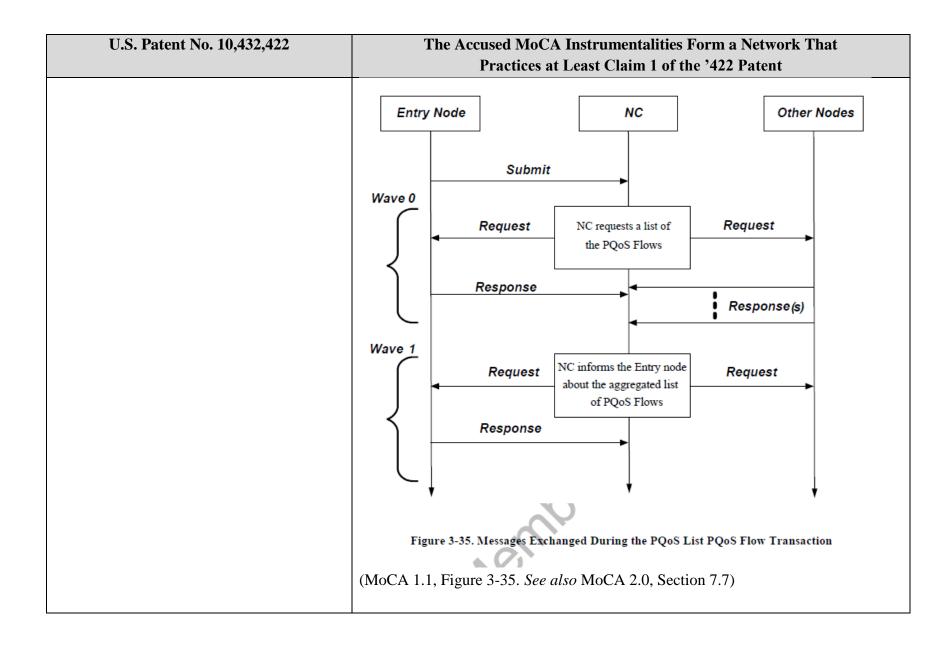


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	Practices at Least Claim 1 of the '422 Patent		
	(MoCA 1.1, Section 3.17.5.2. See also MoCA 2.0, Section 7.7)		
the requesting node is operable to, at least,	The requesting node is operable to, at least, communicate a first message to the NC		
communicate a first message to the NC node	node requesting a list comprising parameterized quality of service (PQoS) flows of		
requesting a list comprising parameterized	the communication network as described below.		
quality of service (PQoS) flows of the			
communication network; and	For example, by virtue of their compliance with MoCA, the Accused MoCA		
	Instrumentalities include circuitry and/or associated software modules operable to, at		
	least, communicate a first message to the NC node requesting a list comprising		
	parameterized quality of service (PQoS) flows of the communication network.		
	"The PQoS Flow transactions for Nodes can be classified into two main groups as		
	follows: [] Flow management PQoS transactions, which include [] List PQoS		
	Flow transaction."		
	(MoCA 1.1, Section 3.17.1. See also MoCA 2.0, Section 7.7)		
	"The purpose of the List PQoS Flow Transaction is to enable any Node to retrieve the		
	list of PQoS flows in the MoCA Network."		
	(MoCA 1.1, Section 3.17.5. See also MoCA 2.0, Section 7.7)		



U.S. Patent No. 10,432,422	The Accused MoCA Instrumentalities Form a Network That		
	Practices at Least Claim 1 of the '422 Patent		
	"Any Node can initiate the List PQoS Flow Transaction. The Transaction starts when		
	the Entry Node sends a Submit L2ME Frame (explained in Section 3.15.2.3.1) to the		
	NC Node."		
	(MoCA 1.1, Section 3.17.5.1. See also MoCA 2.0, Section 7.7)		
the NC node is operable to, at least: receive	The NC node is operable to, at least: receive the first message from the requesting		
the first message from the requesting node;	node as described below.		
and			
	For example, by virtue of their compliance with MoCA, the Accused MoCA		
	Instrumentalities include circuitry and/or associated software modules operable to, at		
	least: receive the first message from the requesting node.		
	"The Transaction starts when the Entry Node sends a Submit L2ME Frame (explained		
	in Section 3.15.2.3.1) to the NC Node."		
	(MoCA 1.1, Section 3.17.5.1. See also MoCA 2.0, Section 7.7)		
in response to the received first message:	The Accused MoCA Instrumentalities operate to, in response to the received first		
communicate a second message to each	message: communicate a second message to each requested node of the plurality of		
requested node of the plurality of requested	requested nodes, the second message requesting from said each requested node a list		
nodes, the second message requesting from	identifying PQoS flows for which said each requested node is an ingress node as		
said each requested node a list identifying	described below.		
PQoS flows for which said each requested			
node is an ingress node;	For example, by virtue of their compliance with MoCA, the Accused MoCA		
	Instrumentalities include circuitry and/or associated software modules that, in		
	response to the received first message: communicate a second message to each		
	requested node of the plurality of requested nodes, the second message requesting		
	from said each requested node a list identifying PQoS flows for which said each		
	requested node is an ingress node.		

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	Practices at Least Claim 1 of the '422 Patent
	"In Wave 0, the NC Node informs the requested Nodes the range of PQoS Flows
	queried, and each of the requested Nodes reports the list of PQoS Flows in the range
	for which it is the Ingress Node."
	(MoCA 1.1, Section 3.17.5.2. See also MoCA 2.0, Section 7.7)
	"Each Node MUST maintain a logical table for information related to each PQoS
	Flow for which it is the Ingress Node. The entries in this logical table MUST be
	numbered contiguously from 0. The ordering of elements in this table only changes
	when value of FLOW_UPDATE_COUNT changes. Thus, the Entry Node can build
	up a complete list of information for PQoS Flows from an Ingress Node by selecting
	which entry in the Ingress Node's logical table to start the response list from."
	(MoCA 1.1, Section 3.17.5.1. See also MoCA 2.0, Section 7.7)



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	Practices at Least Claim 1 of the '422 Patent
receive, from said each requested node a	The Accused MoCA Instrumentalities operate to receive, from said each requested
respective third message comprising a list	node a respective third message comprising a list identifying PQoS flows for which
identifying PQoS flows for which said each	said each requested node is an ingress node as described below.
requested node is an ingress node;	
	For example, by virtue of their compliance with MoCA, the Accused MoCA
	Instrumentalities include circuitry and/or associated software modules that receive,
	from said each requested node a respective third message comprising a list identifying
	PQoS flows for which said each requested node is an ingress node.
	"The NC Node MUST initiate Wave 0 using Request L2ME Frame format (explained
	in Section 0) based on the Submit L2ME Frame format shown in Table 3-58 to the
	Node that MUST provide a Response."
	(MoCA 1.1, Section 3.17.5.2.1. See also MoCA 2.0, Section 7.7))
	(Macerial, Section 5.17.5.2.1. See this Moderia, Section 7.77)
	"The queried Node MUST respond with a Response L2ME Frame (format as
	explained in Section 3.15.2.3.3)."
	(MoCA 1.1, Section 3.17.5.2.2. See also MoCA 2.0, Section 7.7)
	"Each Node MUST maintain a logical table for information related to each PQoS
	Flow for which it is the Ingress Node. The entries in this logical table MUST be
	numbered contiguously from 0. The ordering of elements in this table only changes
	when value of FLOW_UPDATE_COUNT changes. Thus, the Entry Node can build
	up a complete list of information for PQoS Flows from an Ingress Node by selecting
	which entry in the Ingress Node's logical table to start the response list from."
	(MoCA 1.1, Section 3.17.5.1. <i>See also</i> MoCA 2.0, Section 7.7)

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	Table 3-59. L2ME_PAYLOAD of Response L2ME Frame Format for List PQoS Flow Transaction (Wave 0)		
	Field	Length	Usage
	Res	ponse L2ME P	ayload for List PQoS Flow
	RESERVED	24 bits	Type III
	FLOW UPDATE COUNT	8 bits	The value of a counter that increments on the
			queried Node whenever the logical table of PQoS Flow IDs on that Node changes
	TOTAL FLOW ID COUNT	32 bits	Total number of PQoS Flows for which this Node
			is the Ingress Node
	R	ETURNED FLO	W IDs (up to 32 flow IDs)
	For (i=0; i <n; i++)="" th="" {<=""><th></th><th>N = Number of returned flow IDs</th></n;>		N = Number of returned flow IDs
	RETURNED FLOW ID	48 bits	Returned PQoS Flow ID
	RESERVED	16 bits	Type III
	}		
	(MoCA 1.1, Table 3-59. See	also MoCA	A 2.0, Section 7.7)
	"The RETURN FLOW ID field in the Response L2ME Payload for List PQoS Flow		
	Transaction are arranged as	a list, startii	ng with FLOW_START_INDEX entry in the
	Node's logical table and with	n up to the n	naximum number of PQoS Flows as specified
	by FLOW_MAX_RETURN	•	
	(MoCA 1.1, Section 3.17.5.2	2.2. See also	MoCA 2.0, Section 7.7)
	, ,		•
form an aggregated list of PQoS flows	The Accused MoCA Instru	mentalities	operate to form an aggregated list of PQoS
comprising each respective list identifying			entifying PQoS flows from each received third
			entifying PQoS flows from each received tillid
PQoS flows from each received third	message as described below	•	
message; and			
	For example, by virtue of	their com	apliance with MoCA, the Accused MoCA
	± ' •		or associated software modules that form an
		•	
			ng each respective list identifying PQoS flows
	from each received third me	ssage.	

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	Practices at Least Claim 1 of the '422 Patent
	"In Wave 1, the NC Node informs the Entry Node and interested Nodes about the aggregated list of PQoS flows found in Wave 0." (MoCA 1.1, Section 3.17.5.3. <i>See also</i> MoCA 2.0, Section 7.7)
	"The NC Node MUST initiate Wave 1 using Request Frame format with the concatenated responses from Wave 0. The format of a concatenated Request Frame is described in Section 3.15.2.3.2." (MoCA 1.1, Section 3.17.5.3.1. <i>See also</i> MoCA 2.0, Section 7.7)
	See also MoCA 1.1, Table 3-41; MoCA 2.0, Section 7.7.
communicate a fourth message to at least the	The Accused MoCA Instrumentalities operate to communicate a fourth message to at
requesting node comprising the aggregated	least the requesting node comprising the aggregated list as described below.
list,	rease and requesting mode comprising the aggregated has as assured con-
	For example, by virtue of their compliance with MoCA, the Accused MoCA Instrumentalities include circuitry and/or associated software modules that communicate a fourth message to at least the requesting node comprising the aggregated list.
	"In Wave 1, the NC Node informs the Entry Node and interested Nodes about the aggregated list of PQoS flows found in Wave 0."
	(MoCA 1.1, Section 3.17.5.3. See also MoCA 2.0, Section 7.7)
	"The NC Node MUST initiate Wave 1 using Request Frame format with the concatenated responses from Wave 0. The format of a concatenated Request Frame is described in Section 3.15.2.3.2." (MoCA 1.1, Section 3.17.5.3.1. <i>See also</i> MoCA 2.0, Section 7.7)

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	Entry Node Submit Wave 0 Request NC requests a list of the PQoS Flows Response Response Request Request Request Request Request Request Request Response Response Response Request Request Request Request Request Request Response Response Request Request
	Figure 3-35. Messages Exchanged During the PQoS List PQoS Flow Transaction (MoCA 1.1, Figure 3-35. See also MoCA 2.0, Section 7.7)
wherein the second message specifies a range	The second message specifies a range of PQoS flows being queried as described
of PQoS flows being queried.	below. For example, the second message specifies a range of PQoS flows being queried in compliance with MoCA.

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	"In Wave 0, the NC Node informs the requested Nodes the range of PQoS Flows queried, and each of the requested Nodes reports the list of PQoS Flows in the range for which it is the Ingress Node." (MoCA 1.1, Section 3.17.5.2. <i>See also</i> MoCA 2.0, Section 7.7)
	Submit Wave 0 Request NC requests a list of the PQoS Flows Response Response (s)
	Request NC informs the Entry node about the aggregated list of PQoS Flows Response Request
	Figure 3-35. Messages Exchanged During the PQoS List PQoS Flow Transaction (MoCA 1.1, Figure 3-35. See also MoCA 2.0, Section 7.7)